

Distributed Common Ground Station

Army (DCGS-A)

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PM DCGS

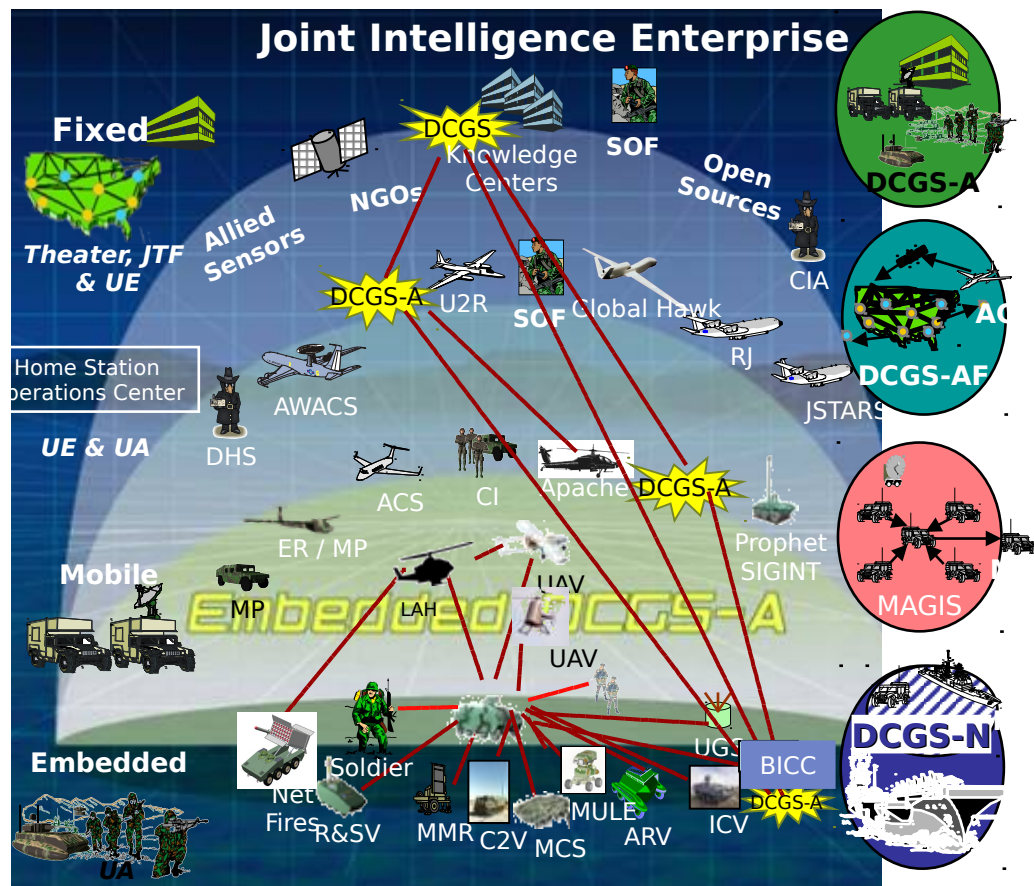
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Distributed Common Ground Station Army (DCGS-A)- Definition

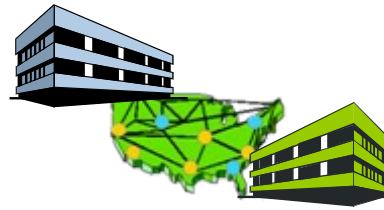
- DCGS-A Enables Situation Awareness, Identification and Location of Enemy and Estimates of his Intentions to the Warfighter at All Echelons
- DCGS-A Enables Exploitation and Fusion of Data From Army, Joint, National and Allied Sensors and Sources to Provide Actionable Intelligence to the Warfighter
- DCGS-A is the Army component of the DoD DCGS Family of Systems
- DCGS-A is the ISR Component of Battle Command



Distributed Common Ground Station Army (DCGS-A)- Definition

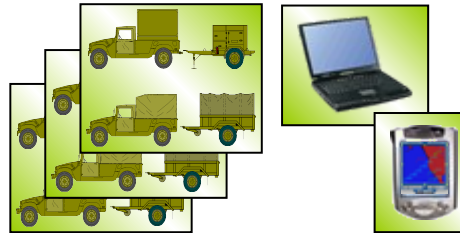
Fixed:

- Regional Focus
- Continuous Collection & Analysis
- Dedicated Support (Overwatch) to Operationally Engaged Units
- Ensures Information Superiority
- UEy Only



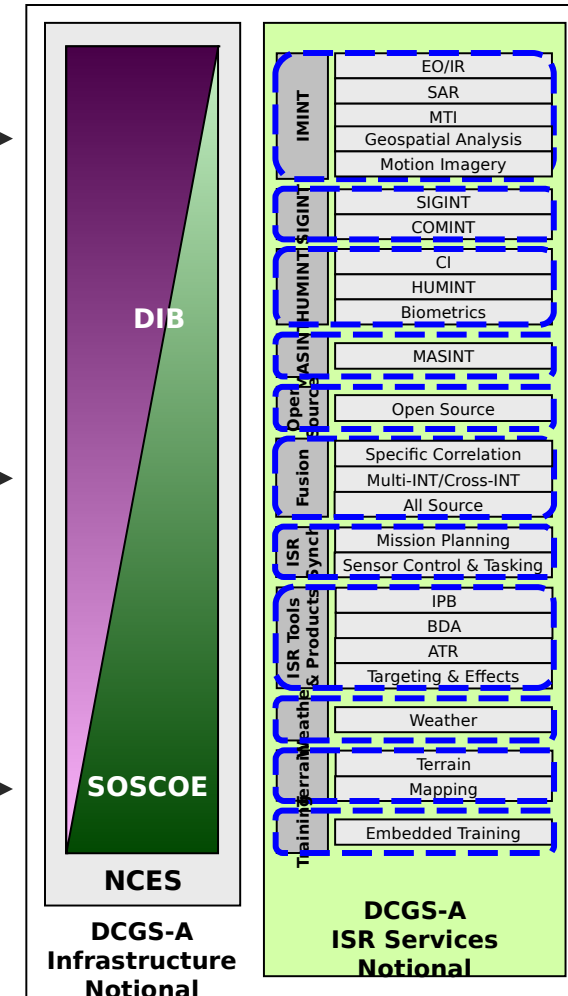
Mobile:

- Deployable and Modular
- Scalable to Meet Mission Needs
- Operations on the Move
- All Echelons



Embedded:

- Software Capability
- Spiral-out Common ISR Mission Tool
- Integrated into Complimentary Systems
 - ACS, FCS, JC2, Land Warrior, etc.
- Integrated into DCGS-A at all Echelons





Distributed Common Ground Station Army (DCGS-A)- Characteristics

Requirements Documents

Joint DCGS ICD JROC Approved: Aug 2004

- Joint, Interagency, Multi-National (JIM) Sensor Connectivity
- Data Level Interoperability
- Net-Centric Operations

DCGS-A Requirements:

- ORD JROC Approved: 9 Jul 2004
- CDD (in Worldwide Staffing)

Related Requirements:

- Future Combat System ORD JROC Approved: 22 Jan 2003
- Aerial Common Sensor ORD JROC Approved: 20 Oct 2003
- Joint Command and Control (JC2) ORD JROC Approved: 22 Aug 2003

KPPs

	Threshold	Objective
Net Ready	All Critical I/F Services	All I/F Services
Fusion	Automated Fusion: Level 0, Level 1 and correlate reports from all intelligence disciplines	Automated Level 3 Fusion
Reliability	90% for 72 hours IOC FY10	99% for 72 hours

Characteristics Supporting Future Force

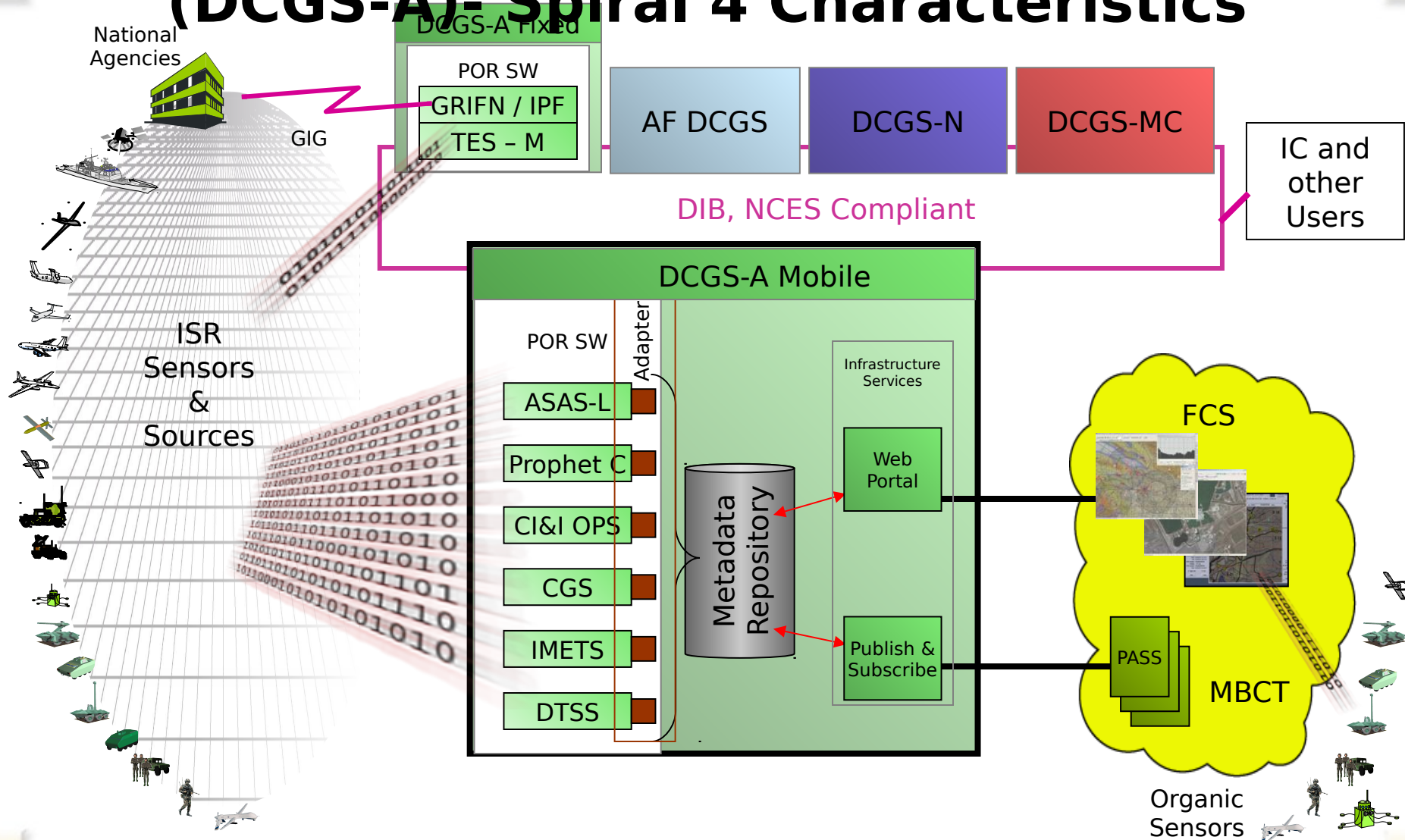
- Situation Awareness
- Targeting
- IPB, RE, BDA
- Geospatial Data
- Terrain Analysis
- Human Intelligence
- Reach - Data Access
- Collaboration
- Cross Cueing
- Fused Multi-Int
- Weather Services
- ISR Synchronization

Current ISR System Migration

- All Source Analysis System (ASAS)
- CI/HUMINT Single Source Workstation
- Tactical Exploitation System (TES)
- Guardrail Information Node (GRIFN) & Intelligence Processing Facility (IPF)
- Prophet (Control only)
- Common Ground Station (CGS)
- Digital Topographic Support System (DTSS)
- Integrated Meteorological System (IMETS)
- Sensor control and processing capabilities of select UAV
- Enhanced Trackwolf processing capabilities

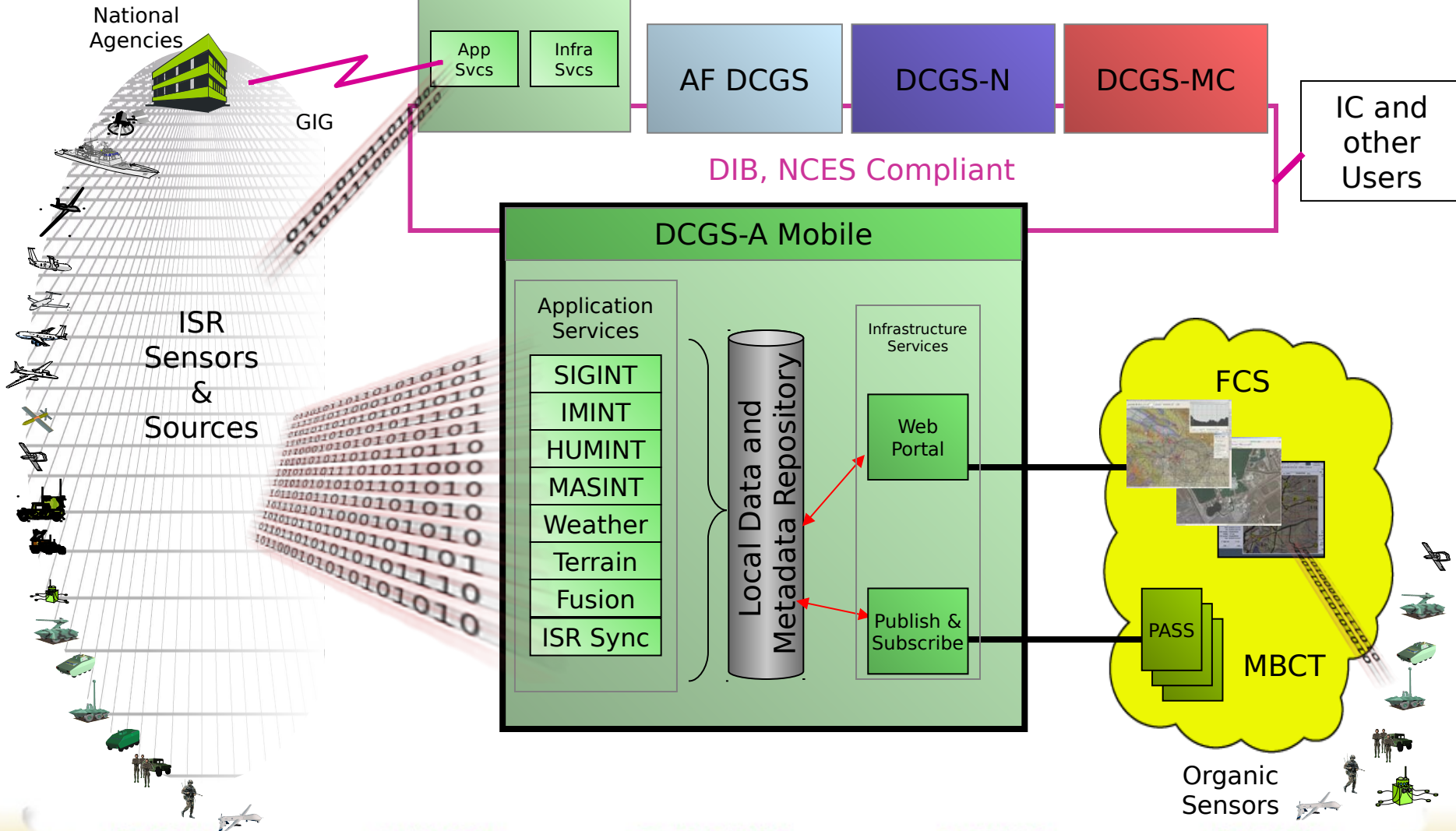
Distributed Common Ground Station Army

(DCGS-A)- Spiral 4 Characteristics



Reconfigures Today's Systems into a Single Service Oriented Architecture

Distributed Common Ground Station Army (DCGS-A)- Spiral 5 Characteristics



Completes Architecture Transformation and Provides New / Enhanced Capabilities

Distributed Common Ground Station Army (DCGS-A)

STATUS/PROGRAM DIRECTION

- Spiral 4 Integration ongoing in Government SIL
- Spiral 5 Pre Milestone B
- Government is Software Integrator for Spiral 4 and Spiral 5 Software
- Government will Solicit Spiral 5 Software Components from Industry in Dec 2005
- LRIP/Production Contract will be Competitively Awarded 4th Qtr FY06
- Government will GFE Spiral 4 and Spiral 5 Software to the LRIP/Production Contract

Distributed Common Ground Station Army (DCGS-A)-Challenges

- Net-Centric Multi Level Security Accreditation
- Standardization of Meta Data
- SOSCOE/DIB Interoperability
- Program Dependencies with Complimentary Programs and other Services
- Reliability in a Distributed Service Oriented Architecture
- Communications Quality of Service (QoS) in a Net- Centric Tactical Environment



Distributed Common Ground Station Army (DCGS-A) Spiral 5

- OBJECTIVE: Meet DCGS-A ISR Requirements through Best of Breed Software Integration
- CONTRACT TYPE: Multiple Types to include Software License
- ESTIMATED VALUE: Approximately \$100M
- KEY MILESTONES:
 - Specs and Standards Posted 4th QFY05
 - RFP Released Dec 2005
 - Contract Awards Starting 2nd QFY06
- TECHNICAL CONTACT: Ron Schaefer (Ron.Schaefer@us.army.mil)
- ACQUISITION CONTACT: Robert Grasso (Robert.Grasso@us.army.mil)
- SOLICITATION # OR RFQ #:



Distributed Common Ground Station Army (DCGS-A) Production

- OBJECTIVE: Develop, Integrate, and Test a Configurable Mobile DCGS-A in Support of Army BCT, UEx and UEy
- CONTRACT TYPE:
 - 10 Year Production Contract - Base Contract with 9 Option Years
 - Most Likely a Fixed Price Incentive (FPI)
- ESTIMATED VALUE: Over \$500M
- KEY MILESTONES:
 - Draft RFP out for Industry Comments Mar 06
 - LRIP Contract Award 4th QTR FY06
 - Full Rate Production 2nd QTR FY09
- TECHNICAL CONTACT: Ron Schaefer (Ron.Schaefer@us.army.mil)
- ACQUISITION CONTACT: Robert Grasso (Robert.Grasso@us.army.mil)
- SOLICITATION # OR RFQ #: